



BF 07

High-strength cement concrete



Product description

Dry premix based on selected aggregate in a suitably recomposed grain size curve of 0 to 3 mm, cement binder, pumping promoters and additives to improve workability.

Supply and storage

BF 07 is supplied in 25 kg bags on stretch pallets. Store in a cool, dry and non-ventilated place. Keep packaging intact. Use within the expiry date stated on the bag.

BF 07

Fields of application

BF07 is a concrete mix that can be pumped with screw and piston plastering machines. It can be applied indoors and outdoors on substrates such as bricks, rough concrete, blocks and plaster mesh, and in all cases on walls that require the use of thick reinforced plaster. It must not be applied on gypsum, painted or inconsistent and friable substrates. For applications on smooth concrete, use the products of the Galileo line (e.g. Galileo MURATURA). For applications on special supports, contact our Technical Office.

Media preparation

The surface to be treated must be free of dust, crumbling or loose parts and/or polluting elements (oils, greases, etc.). Highly absorbent surfaces and/or surfaces with irregularities greater than 2 cm must be prepared at least 24-48 hours in advance by filling with BF 07. When used as a plaster reinforced with electro-welded mesh (or similar), the mesh must be suitably anchored to the substrate and positioned at least 1 cm from it.

Methods of application

After positioning the corner protectors, preferably with the BF 07 itself, apply the product with a maximum thickness of about 1.5 cm per coat, allowing 24-48 hours between coats (depending on weather conditions). Given the high mechanical resistance and the fields of application of the BF 07, it must be allowed to cure properly.

(1 week per cm, but not less than 3 weeks), before any finishing or coating.

Specifications

The substrates to be plastered must be clean, stable, possibly moistened and have a homogeneous surface. Any loose parts must be removed or consolidated. The surfaces prepared in this way can be plastered using a piston or screw-type plastering machine with the dry premixed batch BF 07 by Fornaci Calce Grigolin based on selected inert materials, cement binder and specific additives to improve workability, with an estimated yield of 19 Kg/sq.m. per 1 cm of thickness.

Warnings

Do not mix BF 07 with other substances. Avoid extreme temperature changes during the setting phase.

The product must be protected against frost and rapid drying. Do not use BF 07 at temperatures below +5°C or above +30°C. For large surfaces, we recommend fractioning joints and adherence to existing joints.

BF 07

TECHNICAL DATA according to standard UNI EN 998-1 and UNI EN 998-2	PERFORMANCE
Apparent density	1600 kg/m ³ approx. deter. in cad. lib.
Maximum inert diameter	3 mm
Mixing water	18%
Theoretical yield	Approx. 19 kg/m ² for thickness 1 cm
Mechanical flexural strength at 28 days	≥ 7.5 N/mm ²
Compression mechanical res. at 28 days	≥ 48 N/mm ²
Water vapour permeability μ	25
Adhesion on brick	≥ 1.2 N/mm ²
Fracture type (FP)	B
Water absorption	W1
Reaction to fire	class A1
Plastic collection	Absent under standard thermo-hygrom conditions

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I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificare l'idoneità nell'utilizzo del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.